

# Softwood Veneer and Plywood Manufacturing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



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U.S. Department of Commerce  
Economics and Statistics Administration  
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-- Not applicable for this report.



**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
321212, Softwood veneer and plywood manufacturing .....	85	147	24 536	860 774	22 398	49 261	747 477	1 335 807	3 385 735	4 704 083	'86 618
2002..	N	N	25 611	849 318	23 164	51 621	727 196	1 430 467	3 385 167	4 854 470	85 543
2001..	N	N	27 567	911 066	24 892	55 985	789 315	1 625 412	3 870 823	5 482 631	111 846
2000..	N	N	25 793	861 335	23 486	54 128	750 284	1 979 417	4 025 046	5 969 294	190 274
1999..	N	N	26 219	859 116	23 828	54 298	741 355	1 688 956	3 950 952	5 679 357	129 913
1998..	N	N	28 435	895 756	25 747	59 494	776 233	1 713 341	3 950 877	5 658 347	163 510
1997..	88	154									

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	All establishments <sup>2</sup>			All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
	E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
321212, Softwood veneer and plywood manufacturing												
United States .....	—	147	113	24 536	860 774	22 398	49 261	747 477	1 335 807	3 385 735	4 704 083	'86 618
Alabama .....	—	12	11	2 081	67 389	1 921	4 053	58 903	93 038	274 881	369 262	'5 937
Arkansas .....	—	8	6	2 288	88 003	2 087	4 857	76 208	124 491	328 116	451 511	'3 949
California .....	—	7	3	312	9 986	286	586	8 900	4 977	70 571	75 285	'2 216
Louisiana .....	1	10	10	3 142	98 129	2 881	6 500	84 684	163 823	396 918	560 967	'23 983
Mississippi .....	—	7	7	1 557	56 084	1 411	3 182	47 874	67 930	197 960	264 053	4 872
Oregon .....	—	37	31	5 438	186 067	4 898	10 302	159 491	256 902	903 540	1 159 646	'12 801
Washington .....	—	16	11	1 504	61 268	1 371	2 949	52 510	111 792	232 194	343 755	'4 136

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.



**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>321212, Softwood veneer and plywood manufacturing</b>	
Companies <sup>1</sup> .....	number.. 85
All establishments <sup>2</sup> .....	number.. 147
Establishments with 1 to 19 employees .....	number.. 34
Establishments with 20 to 99 employees .....	number.. 36
Establishments with 100 employees or more .....	number.. 77
All employees <sup>3</sup> .....	number.. 24 536
Total compensation .....	\$1,000.. 1 120 200
Annual payroll .....	\$1,000.. 860 774
Total fringe benefits .....	\$1,000.. 259 426
Production workers, average for year .....	number.. 22 398
Production workers on March 12 .....	number.. 22 200
Production workers on May 12 .....	number.. 22 274
Production workers on August 12 .....	number.. 22 618
Production workers on November 12 .....	number.. 22 453
Production worker hours .....	1,000.. 49 261
Production worker wages .....	\$1,000.. 747 477
Total cost of materials .....	\$1,000.. 3 385 735
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 3 151 972
Resales .....	\$1,000.. 23 249
Purchased fuels .....	\$1,000.. 48 805
Purchased electricity .....	\$1,000.. 118 106
Contract work .....	\$1,000.. 43 603
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 2 492 223
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. D
Total value of shipments .....	\$1,000.. 4 704 083
Primary products value of shipments .....	\$1,000.. 4 139 267
Secondary products value of shipments .....	\$1,000.. 391 750
Total miscellaneous receipts .....	\$1,000.. 173 066
Value of resales .....	\$1,000.. 25 335
Contract receipts .....	\$1,000.. 7 597
Other miscellaneous receipts .....	\$1,000.. 140 134
Primary products specialization ratio .....	percent.. 91
Value of primary products shipments made in all industries .....	\$1,000.. 4 473 591
Value of primary products shipments made in this industry .....	\$1,000.. 4 139 267
Value of primary products shipments made in other industries .....	\$1,000.. 334 324
Coverage ratio .....	percent.. 93
Value added .....	\$1,000.. 1 335 807
Total inventories, beginning of year .....	\$1,000.. 342 302
Finished goods inventories .....	\$1,000.. 105 993
Work-in-process inventories .....	\$1,000.. 50 196
Materials and supplies inventories .....	\$1,000.. 186 113
Total inventories, end of year .....	\$1,000.. 334 643
Finished goods inventories .....	\$1,000.. 123 391
Work-in-process inventories .....	\$1,000.. 50 257
Materials and supplies inventories .....	\$1,000.. 160 995
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 2 802 567
Total capital expenditures (new and used) .....	\$1,000.. '86 618
Buildings and other structures (new and used) .....	\$1,000.. '5 995
Machinery and equipment (new and used) .....	\$1,000.. '80 623
Automobiles, trucks, etc., for highway use .....	\$1,000.. '1 884
Computers and peripheral data processing equipment .....	\$1,000.. '1 057
All other expenditures for machinery and equipment .....	\$1,000.. '77 682
Total retirements .....	\$1,000.. '62 498
Gross value of depreciable assets at end of year .....	\$1,000.. '2 826 687
Depreciation charges during year .....	\$1,000.. '126 337
Total rental payments .....	\$1,000.. 14 217
Buildings and other structures .....	\$1,000.. 4 992
Machinery and equipment .....	\$1,000.. 9 225
Total other expenses <sup>4</sup> .....	\$1,000.. 125 943
Response coverage ratio <sup>5</sup> .....	percent.. 93
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 49 178
Communications services <sup>4</sup> .....	\$1,000.. 2 995
Legal services <sup>4</sup> .....	\$1,000.. 943
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 913
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 5 469
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 1 329
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 2 486
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 2 064
Taxes and license fees <sup>4</sup> .....	\$1,000.. 10 650
All other expenses <sup>4</sup> .....	\$1,000.. 49 917

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on 2002 Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
321212, Softwood veneer and plywood manufacturing											
All establishments .....	—	147	24 536	860 774	22 398	49 261	747 477	1 335 807	3 385 735	4 704 083	'86 618
Establishments with—											
1 to 4 employees .....	9	14	29	978	28	56	838	1 628	3 724	5 351	'101
5 to 9 employees .....	6	13	94	3 157	81	172	2 639	4 331	11 168	15 514	'364
10 to 19 employees .....	2	7	104	3 314	89	196	2 777	5 682	19 162	24 435	'520
20 to 49 employees .....	1	20	685	20 194	591	1 198	15 299	35 147	97 784	134 229	'1 541
50 to 99 employees .....	—	16	1 062	37 222	943	2 024	31 248	78 587	245 176	324 755	'6 842
100 to 249 employees .....	—	35	6 415	218 130	5 827	12 475	187 267	346 169	932 729	1 277 412	'25 831
250 to 499 employees .....	—	36	12 328	444 975	11 347	25 308	394 167	701 256	1 559 947	2 247 339	'40 298
500 to 999 employees .....	—	6	3 819	132 804	3 492	7 832	113 242	163 007	516 045	675 048	11 121
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	22	99	3 461	92	199	3 018	5 912	13 671	19 582	'368

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
321212	Softwood veneer and plywood manufacturing .....	147	24 536	860 774	22 398	49 261	747 477	1 335 807	3 385 735	4 704 083	'86 618
3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material .....	36	2 512	88 683	2 177	4 712	69 870	197 238	488 564	686 156	'10 918
3212123	Softwood plywood, rough, including touch sanded, interior and exterior .	61	18 105	633 433	16 661	36 986	558 469	932 479	2 389 069	3 301 357	'69 191
3212125	Softwood plywood, sanded, interior and exterior .....	4	888	28 724	828	1 664	25 878	33 736	109 590	146 004	1 357
3212128	Softwood plywood specialties .....	20	2 845	104 313	2 568	5 583	88 633	164 035	381 314	544 989	'4 693

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
321212	Softwood veneer and plywood manufacturing.....2002..	N	X	X	4 473 591
	.....1997..	N	X	X	5 023 144
3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material.....2002..	N	X	X	863 431
	.....1997..	N	X	X	754 456
32121211	Softwood veneer, including veneer backed with paper, cloth, or other flexible material.....2002..	N	X	X	863 431
	.....1997..	N	X	X	754 456
3212121100	Softwood veneer, including veneer backed with paper, cloth, or other flexible material.....mil sq ft (1 in. basis).....2002..	47	X	S	863 431
	.....1997..	58	X	q1 585.8	754 456
3212123	Softwood plywood, rough, including touch sanded, interior and exterior.....2002..	N	X	X	2 308 338
	.....1997..	N	X	X	2 957 731
32121231	Interior softwood plywood, rough, including touch sanded, C-D exterior glue.....2002..	N	X	X	1 067 235
	.....1997..	N	X	X	1 399 845
3212123111	Interior softwood plywood, rough, including touch sanded, C-D exterior glue.....mil sq ft (3/8 in. basis).....2002..	23	X	P5 407.6	1 067 235
	.....1997..	26	X	6 752.9	1 399 845
32121232	Interior softwood plywood, rough, including touch sanded, underlayment exterior glue.....2002..	N	X	X	436 683
	.....1997..	N	X	X	669 793
3212123221	Interior softwood plywood, rough, including touch sanded, underlayment exterior glue.....mil sq ft (3/8 in. basis).....2002..	20	X	2 024.5	436 683
	.....1997..	22	X	2 944.2	669 793
32121233	Other interior softwood plywood, rough, including touch sanded.....2002..	N	X	X	312 185
	.....1997..	N	X	X	223 408
3212123331	Other interior softwood plywood, rough, including touch sanded.....mil sq ft (3/8 in. basis).....2002..	16	X	S	312 185
	.....1997..	14	X	P1 019.4	223 408
32121235	Exterior softwood plywood, rough, including touch sanded.....2002..	N	X	X	199 124
	.....1997..	N	X	X	N
3212123541	Exterior softwood plywood, rough, including touch sanded, C-C.....mil sq ft (3/8 in. basis).....2002..	13	X	168.9	38 475
	.....1997..	N	X	N	N
3212123551	Exterior softwood plywood, rough, including touch sanded, C-C plugged.....mil sq ft (3/8 in. basis).....2002..	14	X	q122.9	34 504
	.....1997..	N	X	N	N
3212123561	Exterior softwood plywood, rough, including touch sanded, other.....mil sq ft (3/8 in. basis).....2002..	9	X	P608.8	126 145
	.....1997..	N	X	N	N
3212123Y	Softwood plywood, rough, including touch sanded, interior and exterior, nsk.....2002..	N	X	X	293 111
	.....1997..	N	X	X	392 265
3212123YVV	Softwood plywood, rough, including touch sanded, interior and exterior, nsk.....2002..	N	X	X	293 111
	.....1997..	N	X	X	392 265
3212125	Softwood plywood, sanded, interior and exterior.....2002..	N	X	X	647 967
	.....1997..	N	X	X	805 030
32121251	Softwood plywood, sanded, interior and exterior.....2002..	N	X	X	597 330
	.....1997..	N	X	X	731 293
3212125111	Interior softwood plywood, sanded.....mil sq ft (3/8 in. basis).....2002..	8	X	P410.3	128 602
	.....1997..	1	X	D	D
3212125121	Exterior softwood plywood, sanded, A-C.....mil sq ft (3/8 in. basis).....2002..	14	X	P412.2	117 089
	.....1997..	17	X	870.4	278 628
3212125131	Exterior softwood plywood, sanded, B-B plyform.....mil sq ft (3/8 in. basis).....2002..	13	X	P254.2	66 602
	.....1997..	16	X	274.0	77 299
3212125141	Exterior softwood plywood, sanded, B-C.....mil sq ft (3/8 in. basis).....2002..	13	X	939.1	216 536
	.....1997..	17	X	1 001.4	260 637
3212125151	Other exterior softwood plywood, sanded.....mil sq ft (3/8 in. basis).....2002..	13	X	S	68 501
	.....1997..	13	X	D	D
3212125Y	Softwood plywood, sanded, interior and exterior, nsk.....2002..	N	X	X	50 637
	.....1997..	N	X	X	73 737
3212125YVV	Softwood plywood, sanded, interior and exterior, nsk.....2002..	N	X	X	50 637
	.....1997..	N	X	X	73 737
3212128	Softwood plywood specialties.....2002..	N	X	X	624 683
	.....1997..	N	X	X	N
32121281	Softwood plywood specialties.....2002..	N	X	X	624 683
	.....1997..	N	X	X	N
3212128111	Softwood plywood siding.....mil sq ft (3/8 in. basis).....2002..	18	X	953.1	314 562
	.....1997..	N	X	N	N
3212128121	Softwood plywood overlays.....mil sq ft (3/8 in. basis).....2002..	12	X	469.8	155 250
	.....1997..	N	X	N	N
3212128191	Other softwood plywood specialties.....mil sq ft sm.....2002..	20	X	q459.8	154 871
	.....1997..	N	X	N	N
3212128Y	Softwood plywood specialties, nsk.....2002..	N	X	X	—
	.....1997..	N	X	X	N
3212128YVV	Softwood plywood specialties, nsk.....2002..	N	X	X	—
	.....1997..	N	X	X	N
321212W	Softwood veneer and plywood manufacturing, nsk, total.....2002..	N	X	X	29 172
	.....1997..	N	X	X	57 302
321212WY	Softwood veneer and plywood manufacturing, nsk, total.....2002..	N	X	X	29 172
	.....1997..	N	X	X	57 302
321212WYVV	Softwood veneer and plywood manufacturing, nsk, for nonadministrative-record establishments.....2002..	N	X	X	9 883
	.....1997..	N	X	X	28 818
321212WYVY	Softwood veneer and plywood manufacturing, nsk, for administrative-record establishments.....2002..	N	X	X	19 289
	.....1997..	N	X	X	28 484

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.



Table 6a. **Products Statistics: 2002 and 1997**—Con.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3212121	Softwood veneer, including veneer backed with paper, cloth, or other flexible material	
	United States .....	2002 .. 863 431
		1997 .. 754 456
	Alabama .....	2002 .. 96 057
		1997 .. 36 721
	Louisiana .....	2002 .. 126 779
		1997 .. 33 950
	Mississippi .....	2002 .. 39 680
		1997 .. 28 866
	Oregon .....	2002 .. 331 868
3212123		1997 .. 382 449
	Washington .....	2002 .. 79 410
		1997 .. 80 165
3212125	Softwood plywood, rough, including touch sanded, interior and exterior	
	United States .....	2002 .. 2 308 338
		1997 .. 2 957 731
	Alabama .....	2002 .. 140 514
		1997 .. 256 470
	Arkansas .....	2002 .. 237 496
		1997 .. 297 382
	California .....	2002 .. 65 503
		1997 .. N
	Louisiana .....	2002 .. 332 159
3212128		1997 .. 387 638
	Oregon .....	2002 .. 541 306
		1997 .. 589 805
	Washington .....	2002 .. 136 776
		1997 .. 163 429
3212125	Softwood plywood, sanded, interior and exterior	
	United States .....	2002 .. 647 967
		1997 .. 805 030
	Alabama .....	2002 .. 57 356
		1997 .. N
	Arkansas .....	2002 .. 56 321
		1997 .. 66 461
	Louisiana .....	2002 .. 41 587
		1997 .. 69 002
	Oregon .....	2002 .. 156 956
3212128		1997 .. 297 617
	Softwood plywood specialties	
	United States .....	2002 .. 624 683
		1997 .. N
	Alabama .....	2002 .. 50 319
		1997 .. N
	Arkansas .....	2002 .. 58 473
		1997 .. N
	Louisiana .....	2002 .. 15 768
		1997 .. N
	Oregon .....	2002 .. 224 850
		1997 .. N
	Washington .....	2002 .. 89 127
		1997 .. N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.



**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
321212	Softwood veneer and plywood manufacturing		
00900001	Total materials .....2002..	X	3 151 972
	.....1997..	X	3 705 087
11311000	Stumpage cost (cost of timber, excluding land, cut and consumed at same establishment) .....2002..	X	385 565
	.....1997..	X	346 854
11331015	Hardwood logs and bolts ..... mil bd ft Intl 1/4 in. scale..2002..	D	D
	.....1997..	S	64 617
11331017	Softwood logs and bolts ..... mil bd ft Intl 1/4 in. scale..2002..	P4 362.4	1 528 672
	.....1997..	S	2 145 934
32121105	Hardwood veneer ..... mil sq ft sm..2002..	114.3	22 423
	.....1997..	S	27 355
32121203	Softwood veneer ..... mil sq ft (1 in. basis)..2002..	S	431 557
	.....1997..	715.4	362 996
32121903	Particleboard (reconstituted wood) ..... mil sq ft (3/4 in. basis)..2002..	D	D
	.....1997..	N	N
32121907	Medium density fiberboard (MDF) ..... mil sq ft (3/4 in. basis)..2002..	D	D
	.....1997..	N	N
32552002	Glues and adhesives.....2002..	X	156 721
	.....1997..	X	N
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	359 649
	.....1997..	X	477 797
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	217 219
	.....1997..	X	279 534

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.